School Management System

# View and update Student/Staff Details

**Functional Specification Document**



# DOCUMENT PURPOSE

This document illustrates the functional specification of the School Management System (SMS) application. SMS is a system used for managing the activities of school like student registration, staff registration, etc. The following are the few important modules in the system

1. Student Registration
2. Staff Registration
3. Student Mark Registration
4. View and update Student/Staff Details
5. Search Student/Staff Details

Thisdocumentdetailsout the requirements for the View and update Student/Staff Details. The details for the other modules will be given in the respective modules functional specification.

# View and Updateuse case

This use case will be used by administrators to view and update Student/Staff details into the system. The administrator should have the details of the students/Staffs to be displayed /updated into the system.

2.1.3 View and Update Student/Staff Details

**Trigger:** Administrator triggers the functionality once he/she receives the details of the student.

**Pre-Conditions / Assumptions:**

* The admin should have the details of the student and staff to be registered into the system.

**Post Conditions:**

* The studentdetails will be displayed/updated along with marks based on the given criteria.
* The Staff info should be updated using staff\_info table.

**Success End Condition:**Display the list of details based on the given criteria and if any Updation, a success message should be displayed “Details updated successfully”.

**Failed End Condition:**The system should throw an error message if one of the validationsis wrong. The error message and error code needs to be identified during design. The validation and business rules are mentioned in the business rules section.

**Steps & Actions for update:**

1. System should display all the necessary fields in the screen.
2. All fields should be retrieved from database.
3. System needs to update the edited student details into the system.
4. System needs to update the edited store the staff details into the system.

**Business Rules & Validations for view:**

* All fields are mandatory.
* At the time of clicking the view button , the following tasks needs to be done:
  + Retrieve the staff details/Student details based on the staff id/student id
  + Identify the Standard category based on the given student standard.
  + Based on the standard category, grade will be retrieved from the corresponding table.
  + Retrieve the country and state of the student based on the country id.

**Business Rules & Validations for update:**

* All fields are mandatory.
* Contact no should be numeric and contains only 10 digits.
* Email id should contain @ and. symbols
* Based on the transport selection, the net fee should be calculated for only student as follows:
  + If the student using transport, then net fee should be added with the transport fee.
  + If the student is not using transport, then net fee should be deducted with the transport fee .

# Student View Screen:

This should capture the following fields

* Category –Identify either Student or Staff in dropdown.
* Id – Represent Id depending upon drop down option
* View - Submit Button used to search the student details in the table and display it in the student update screen.

# Student UpdationScreen:

This should capture the following fields

* Initially display all fields ina non-editable mode.
* Display non-editable fields :
  + StudentId
  + Student Name
  + Standard
  + Grade
  + Country
  + Gender
  + Date of Birth
  + Date of Joining
  + Netfees
  + State
  + Address
  + Email Address
  + Contact no
  + Transport
* Update–Submit button used to turn from non-editable fields(address, email id, contact no, Transport) to editable fields and is also used to update the field values into the corresponding table.

# Staff Updation Screen:

This should capture the following fields

* Initially display all fields in a non-editable mode.
* Display non-editable fields :
  + StaffId
  + Name
  + Date of Birth
  + Date of Joining
  + Gender
  + Highest Qualification
  + Salary
  + YOP
  + Address
  + Country
  + State
  + Designation
  + Contact\_no
  + Mail\_id
  + Experience
* Update – Submit button used to turn from non-editable fields (state, address, email id, contact no, experience) to editable fieldsand is also used to update the field values into the corresponding table.

**NOTE:**Refer the master screen design document for the UI design.